

# INTERNATIONAL SEARCH REPORT

IB2004/050896

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 H01L23/495 H01L21/48

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 005 287 A (KAIYA YUITI ET AL) 21 December 1999 (1999-12-21)	1-4, 7, 10, 11, 13, 16
Y	column 2, line 47 - column 3, line 31; figures 5, 6	9, 12
X	US 4 252 864 A (COLDREN DANIEL R) 24 February 1981 (1981-02-24)	1-4, 7, 10, 11, 13, 15, 16
Y	column 3, line 6 - column 4, line 61	9, 12
X	EP 0 794 571 A (ITT MFG ENTERPRISES INC) 10 September 1997 (1997-09-10) column 9, line 4 - column 15, line 6; figure 6	1-7, 10, 11, 13, 16
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

18 October 2004

Date of mailing of the international search report

26/10/2004

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**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 736 367 A (HEINLEN F ET AL) 29 May 1973 (1973-05-29)  column 2, line 26 - column 5, line 13; figure 1  -----	1-7, 9-13,15, 16
A	US 5 225 897 A (REIFEL HARRY C ET AL) 6 July 1993 (1993-07-06) figure 4  -----	1,3,10
A	US 2001/054640 A1 (TAKAHASHI YOSHIHARU) 27 December 2001 (2001-12-27) paragraph '0052!; figure 5  -----	

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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US 4252864	A	24-02-1981	NONE	
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US 3736367	A	29-05-1973	NONE	
US 5225897	A	06-07-1993	NONE	
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